



OREGON

TUALATIN



December, 1985

VALLEY

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

Membership: 250

CIRCULATION: 285

President: Geno Buell
Vice-Pres: Hanford Van Ness
Secretary: Jeff Freedman
Treasurer: Randy Stimson

KA7KBH
KE7BB
K7JF
KZ7T

Trustee: Linda Cereghino N7CZY
Trustee: Terry Biggs WB7CHK
Trustee: Al Berg WB7SIC
Trustee: Greg Milnes W7AGQ
Trustee: Dave Parker W7LJN

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.



IS THIS AMATEUR RELATED? YOU BET! MEET THE FOREST GROVE GLEE CLUB. PART OF THIS GROUP WILL BE OUR MUSICAL ENTERTAINMENT AT THE CHRISTMAS PARTY. DON'T MISS IT. THEY PUT ON AN EXCELLENT RENDITION OF CHORALS.



XMAS PARTY

Saturday, December 7

St. Bartholomew Episcopal Church

Center & SW 113th Beaverton

7:00pm

MUSICAL PRESENTATION

FOOD---POTLUCK

ENTERTAINMENT

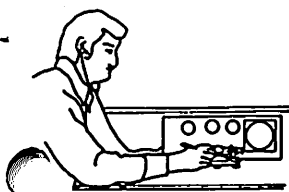
HILARIOUS OREGON STATE CONVENTION BANQUET SKIT

"THE STORY OF A HAM"

STARRING: STANLEY HAM



SOME OF THE "STORY OF A HAM" PROPS ARE
SHOWN HERE. COME SEE THEM IN ACTION!!



Field Day 1985

— RESULTS —

As usual, we take a few lines to explain to the new-comer how the scoring process for FD is computed. The first column of numbers indicates the # of contacts made. The A and B column indicates high or low power. A being 5 watts or less (joke) and B less than 150 watts. The third column tells us the number of operators and the last number is the total points earned.

You may notice that while we placed 7th overall, we were second in # of contacts. Why? The QRP class, limited to 5 watts, multiplies contacts by 5 and, in most cases, they are strictly CW efforts which allow another multiplication by 2!! Hence the large gap in our score versus the first place finisher. For some reason or other the League doesn't see fit to make up additional classes so that those groups who compete on an equal basis have added incentive to compete.

The nice thing about our style of operation is that a lot of people get to try on-the-air skills and, as you can see, we had 50 members try their hand. This was a very successful outing and the many who contributed should feel proud about the outcome....

The NB7W splinter group, who went off on their own, didn't fare so well but they got a lot of experience under their belts and had a great time. The group consisted of NB7W, N4BOS and KD7LA. Believe there was one more but forgot who. They mountaintopped it in the coast range. I bet they drained more keg liquid than the club did!

That's it for 1985. Perhaps we shall do even better next year now that we have such a pool of operators to call on. Maybe a few ideas will come up for getting extra points or maybe we will rely more on CW or.....

3A Battery			
Chehaw ARS			
K4HAV	2352-A	-22-18,100	
Barnesville Area ARC			
W8FYF (+N8EKR)	1703-A	-48-12,765	
The A-Team			
W4RRW	905-A	-11 -9590	
Anne Arundel RC			
W3VPR	1274-B	-35 -8095	
FDARTS			
W4GEUZ	673-A	-4 -7197	
North Bay ARA			
K6LI	426-A	-8 -4475	
Oregon Tualatin Valley ARC			
NI7E (+KA7TAC)	1397-B	-50 -4230	
Naval Postgraduate School ARC			
K6LY	1063-B	-45 -3524	
Madison ARC			
W9EFU	1000-B	-12 -3218	
Bloomington ARA			
KZ9H	437-A	-10 -3125	
Mammoth Cave ARC			
KD4SS	904-B	-16 -2902	
Lincoln Co. ARC			
K7PQ (+KA7PLI)	921-B	-16 -2584	
Top of Panhandle ARS			
K5IS	208-A	-5 -2430	
Algonquin ARC			
KK1B	639-B	-15 -2198	
Raleigh/Mid-South VHFA			
KI4I	402-B	-34 -1858	
Yford (MI) ARC			
8YDK	491-B	-15 -1766	
Livermore ARK			
AD6X	456-B	-18 -1470	
Kennedy Family			
W8ZCG	244-B	-3 -1244	
Branch Co. ARC			
WD8KAF	282-B	-20 -964	

CLUB CHALLENGE FOR 1985

----- OUR LAST CHANCE -----

--- JOIN THE ARRL NOW AT \$10.00 OFF ---

ONLY \$15.00

QUALIFICATION: Only NEW memberships qualify or individuals whose last League membership expired prior to 1980. Renewals, family, blind and life memberships do not count.

CONTEST DATES: Only new memberships properly submitted to League headquarters prior to 4:00 PM on Dec. 31 will count toward a clubs total. (renew THROUGH OTVARC and soon enough so as mail can reach the ARRL prior to the contests closing) NOTE: New ARRL memberships DO NOT have to come from the OTVARC members. They can come from anyone just so long as they are sent through the club.



ACTIVITIES

FIELD DAY--CHRISTMAS PARTY--CLUB CAMPOUT--RUSTY KEY--DINE-OUT
HAPPY HOUR CONTEST--OTVARC BREAKFAST--10m CONTEST--CLASSES--
CONVENTION--PROJECT NITE--PUBLIC SERVICE EVENTS--PROGRAMS & MORE

TRN FEATURES ACSB & FCC MONITORING

Will amplitude compandered single side-band (ACSB) obsolete your 2-meter FM equipment? Will it become the voice mode of choice for amateur satellite communications? Will all repeaters eventually go to ACSB? Just what is ACSB anyway?

These questions and more will be answered on the next North American Teleconference Radio Net (TRN), scheduled for Friday, December 13th, 1985, at 8:00 p.m. C.S.T. Every quarter, thousands of hams tune into TRN which is broadcast across North America over dozens of amateur repeaters, via OCSAR satellite and HF links. Lou Appel, KØIUQ, and his "Darome Connection" provide the teleconference bridge hardware.

The speaker will be one of amateur radio's foremost technical leaders; Paul Rinaldo, W4RI, editor of QST. Paul has closely followed the development of ACSB and was instrumental in obtaining the ACSB trans-

ceiver boards recently made available to experimenters by ARRL.

ACSB is just beginning to be used by the commercial sector ... chiefly because of its spectrum efficiency. ACSB uses a 5 kHz bandwidth versus the 15 to 20 kHz of conventional FM. Unlike its cousin, AM SSB, ACSB provides the benefits usually associated with FM such as receiver squelch, automatic frequency control (AFC) and capture effect.

The second half of the December TRN will be an interview with James Berry, Engineer-in-Charge of the FCC's Grand Island (Nebraska) monitoring station.

Mr. Berry will brief us on the history of FCC monitoring. Also discussed will be how, when and what they listen to and what amateurs can do when experiencing radio frequency interference or observing a violation.

Listen to the TRN on the 147.92/32 repeater. Courtesy of ARRG and TERAC. (shared phone bill etc.)

• "Electronic Truant Cop" takes the joy out of paying hooky! Schools can now purchase an automatic dialer that calls parents during the evening. It asks a series of questions and requests the student bring an excuse note the following day. "Truant" costs \$4995, but reduces absenteeism 30% to 70%! Microlog Corp. has already sold 400 of the gadget.

• "The Fish Master" is a computerized \$70 high-tech fishing pole that tells the user when a fish is hooked, how long it took to reel it in, how hard a struggle the fish put up, rod deflection, fight time and how much the catch weighs! The battery operated microprocessor based "de-liar" device clamps on to the rod's handle.

• DAK, Inc., has a gadget they call the "Thought Teleporter." A button pressed on a worn wrist watch transmits a signal (up to 40 feet) to a two channel remote control device that turns on two 100 volt AC outlets on the back of the receiver. (Closeout price: \$19.90)

Sometimes it's hard to end a QSO

We all have our own methods, but here are a few ideas submitted by little Georgie Myers, KA6WZR:

The XYL just came in and said last call for dinner or she throws it out... hi hi... so gess I btr QRT now...

There is a thunderstorm heading my way and I don't want to take a lightning strike so will CUL...

Just got a phone call from old school buddy I hav not heard fm in 15 years...

XYL needs me to help her unload car

full of groceries so btr go es give her a hand... hi hi...

Wow 2 car collision in front of my house and I have to go see if anybody is hurt...

Well it's time for my daily meeting with the guys on the 2-meter net...

The XYL sez it's time to come to bed or she locks the bedroom dor hi.

Well I btr go es let the puppy out into the yard so will CUL... Worldradio

RAT-A-TAT-TAT: Dave Funk, N7DWL, just got hitched and new wife, Marion, is already in the novice class! Now that is fast moving. Congratulations to the newlyweds and good luck to Marion in getting her second most important license!

John Conley, K7DMM, just got back from an Elk hunting trip and claims a nice three pointer. GREAT! Hey John, next year save some time. Lots of them where we meet!!!

A VERY MERRY CHRISTMAS AND HAPPY NEW YEAR TO EVERYONE



DUES
DUES DUES
DUES DUES DUES
ARE DUE!

It's that time of year again and we ask that you use the form we mailed to you with your voting ballot. Either that or pay at the meeting. It would be VERY much appreciated if everyone will fill out the roster update, which is a part of the dues form. It is, by and large, the most accurate means we have for correcting roster errors and or updates. Please take a few minutes to help others save a lot of time. Tnks.

Haven't gotten anything in print from any of the 1985 officers so I will take it upon myself, as editor, to pass out a VERY LARGE THANK YOU to all of those guys & gals who did so much to make 1985 a memorable year. It takes a lot of work on the part of many to do the job. THANKS! (ed.)

Randy Stimpson
9890 SW Inglewood
Portland, OR 97225

Dear Oregon Tualatin Valley Amateur Radio Club,

I would like to give my sincere thanks to Randy Stimpson and the other members of the Oregon Tualatin Valley Amateur Radio Club for the assistance with communications you gave the 1985 Hood To Coast Relay. Your club took on an enormous undertaking of over 170 miles of race course interlinked by communications. The success of your efforts will be long appreciated by not only the Race Steering Committee but also by every runner who traveled this long and arduous course.

Your radio club members added a new element to this year's race which definitely was a major factor in the overwhelming success of this, the largest road running relay in the nation. The enthusiasm and dedication which your group displayed was very much appreciated. The continued growth of a race of the complexity and size of this one is not possible without a professionally executed communications network. You surpassed all expectations that we could have had.

Sincere thanks for a great job done by all. We enthusiastically look forward to working with your club on the 1986 Hood To Coast Relay.

Sincerely,

Robert Foote, Jr.
Race Director
President of Oregon Road Runners Club



P.O. Box D Beaverton, Oregon 97075

HOW MANY ROWS OF CORN ON A COB?????
(look for the answer in a Safeway)

NORTHWEST AMATEUR RADIO COUNCIL

Volunteer Examiners Committee

Portland, Oregon

is sponsoring Amateur Radio License Exams for Technician, General, Advanced and Extra at Portland Community College (Sylvania Campus) in the Science Technology (Bldg ST), at 12000 SW 49th, Portland, Oregon. Exams will be held the FIRST SATURDAY of EVERY MONTH!

TO REGISTER:

1. Complete FCC Form 610 (be sure to indicate the highest Class of License you will be attempting!)
2. Attach a copy of your Amateur Radio License (if applicable).
3. Make a check or Money Order for four (4) dollars payable to ARRL/VEC.
4. Mail all three of these to:

Randy Cobb/VE Exams

P.O. Box 5097

Aloha, Oregon 97006

5. DEADLINE - Registrations must be received 30 days prior to taking the Exam.

FOR ADDITIONAL INFORMATION:

VE Committee Members:

Armand, WA7IIM 760-2140

Ralph, WB7VGS 649-5845

Dea, KX7T 632-4734

Lea, AL7W 777-1032

Joan, KD7YB 838-5159

Tom, KV7Y 254-8006

Rozy, KA7CED FCC Contact Liaison 255-0739

NEW MEMBERS AND UPGRADES

You may have noticed that there has been none of either in the past two 'letters'. This is in severe contrast to our past, in both cases. Have YOU invited a friend or a new resident to our meetings? Have YOU talked up the club in on the air contacts? We are all communicators? It does not appear to be that way. Do your part to let other hams in the area know about OTVARC. We may not be perfect but we try!

The VE 'testors' have not been letting the 'ed' know when a club member upgrades. They have a lot of paperwork to take care of so perhaps the best way to get an upgrade in the newsletter is for the 'testee' to pass along the information? COMMUNICATE...

THE "NEWS" IN A NEWSLETTER CAN ONLY BE OF INTEREST IF "YOU", THE REPORTER, MAKES IT THAT WAY!



K7JF
JEFF

Oregon Tualatin Valley ARC

NEW BADGES ARE STILL AVAILABLE

If you have been to a club meeting lately, you probably have seen our new name badges hanging on their proud owners. Badges are still available for \$3.50 each. Why not sign up and be a part of the growing crowd.

Badges are available for: N7ACH, K7DMM, N7GZK, KG7P, KA7TDY, KA7TDY (2)
KA7TDZ, WB7VGS, W3XY

CONTEST HAPPENINGS: The 1985 OTVARC Happy Hour was a great success; at least from the comments heard following the two-hour ordeal. The logs will be judged at the next Contest Committee meeting (see below), and the winner will be presented his (or her) plaque at the January meeting.

The contest committee will meet Tuesday, December 17 at Pietro's Pizza, 9375 SW Beav-Hills Hwy (next door to McDonald's) to judge Happy Hour logs, review 1985 contests and plan for 1986 events. The annual Valentine's Day (can you believe it's that time already) station needs attention, as does our schedule for some new ideas. Anyone for a week-long contest leading up to Valentine's Day?

The Contest Committee is always looking for new members or input from those in the club interested in learning about contest operation. All are welcome to join us December 17.

BY-LAWS UPDATE: It was voted at the November club meeting that "the Board of Trustees shall meet at least once every three months." While noone seemed to care that the issue was not put before the club in the form of a motion, nor seconded, nor debated, the motion did pass. For those who keep track of these things, the Constitution will be amended to include this provision and added to Article II, Section A.

The Constitution is fairly clear on the procedure for amending both the Constitution and By-Laws. The proposal shall be announced to the club (by mail) and voted at the next regular club meeting. Food for thought.... Anyone interested in elections conducted by the Board of Trustees (rather than the club President)?

PJT

-----SOFTWARE PIRATES-----

KANTRONICS, INC. is undertaking legal action against software pirates and will publicize the results of this action. The first case involves a non-amateur selling at the Michigan State ARRL Hamfest in Detroit. They were selling to amateur operators, however. Kantronics is also pursuing leads on other pirates. Some of them are hams. Mike Forsyth, Kantronic Marketing Director asks amateurs to never buy copied software, to report pirates to the software manufacturer and "Don't allow illegal sales at your local hamfest." He reminds amateurs that "If manufacturers are not able to sell enough product to make a profit, other new and improved programs will not be written." He asks assistance from the amateur community.

W5YI

GOT SOMETHING To Sell?

Let us
give you
hand



CLASSIFIED ADS

FREE!

FOR SALE: Heathkit SB102 with accessories. Autek audio filter and Hustler 5 band vertical. Prices negotiable
Call Brad KA7JLD at 654-5232 or 626-6497

FOR SALE: Tri-Ex W51 crank up tower, self supporting, with thrust bearing & coax standoffs \$650
Call Larry KC7QV at 639-5496

FOR SALE: 50 ft. Rohn 25 tower, Tailtwister rotator, TH7 Tri Band Beam \$ 55,000 installed.
Includes 3 bedroom, 2 bath house. Private fenced yard, many evergreens. Stone fireplace, vaulted ceiling, cedar paneling in living room. Family room with built in book shelves. large garage. Assumable State VA loan.
Call John N7DCQ or Debby N7FVH at 649-9095

THESE ADS ARE FREE TO OTVARC MEMBERS

TO BUY - SELL - TRADE CALL JIM KA7TAC at 246-2539



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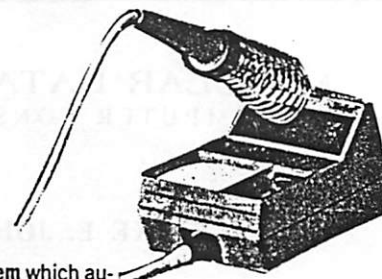


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Salem Repeater Association

ANNOUNCING THE 1986 SALEM HAM FAIR

The Salem Ham Fair Committee is pleased to announce February 22, 1986, as the date for next years festivities. Planning has been underway since May, and continues at a rapid pace, 1986 should be the best one yet.

The location is the same as the last 3 years, the Polk County Fairgrounds, 10 miles west of Salem. It's easy to find from either Highway 99W or Interstate 5.

One of the most important aspects of any ham fair is the swap meet. Last year, we sold out all 65 swap tables, and had to turn a number of people away. With so much demand, we are expanding the swap table area this year, so there will be lots of opportunity to find those treasure you can't live without.

We are working on some interesting seminars, and in addition, have offered the use of the seminar rooms to a number of organizations like MARS and QCWA for meetings during the day. More on these as we get closer.

MODULAR DATA SYSTEMS COMPUTER CONSULTANTS

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WB7PXZ

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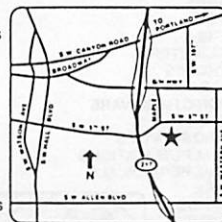
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Al Berg WB7SIC

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MEETING PROGRAM



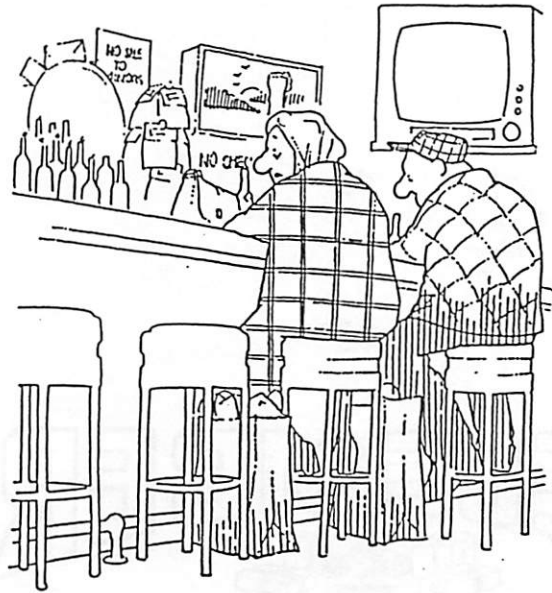
Our December enlightenment will be from non other than Mr. David Osborn who is public utilities economist specialist who works for the Lower Columbia Area, a devision of the BPA. Mr. Osborn will fill us in on many details of the operations of a power company and in particular, the complexities involved in the business of selling power to other utilities. California utilities, to be exact! While this, at first thought, might seem to be a rather dry subject, we might consider the tie in with how our rates are affected, not only by the selling of power but in some of the other moves made by the BPA to be cost efficient. Utility costs are soaring. WHY? Come see and ASK QUESTIONS! CU there.

HAM CLASSES: No classes this winter! We will take up again in the spring. Look for details in the Feb. 'letter'.

WEDDING BELLS: Bert Schmidt, W7JWG, & Carol Schick, (not yet) tied the knot at a quiet ceremony and are now in the process of building a new house, soon to be a "home". Congratulations.....

XMAS PARTY PRIZE: Along with the weather station we have decided to offer a choice to the lucky winner. The other selection will be a Gemini-10X computer printer. A good printer, so we are told, and it is compatible with any number of computers, including the C-64.. Rots a ruck.....

THANKS FOR THE GRIPE: The input given on the Nov. Belize program was numerous and very helpful. Good, bad or etc. it was appreciated. Thanks to all for watching.



"The thing I like best about winter is that my feet don't sweat."

WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Randy Stimson	KZ7T	297-1175
	Bud Butterfield	KC7PS	649-1523
*CLUB CONTESTS	Jeff Freedman	K7JF	297-7965
*PROJECT NITE	Terry Biggs	WB7CHK	648-3687
*TECHNICAL	Dee Lynch	KA7NPN	646-4580
*CLUB RAFFLE	Jim Ziegler	KA7TAC	246-2539
*MEETING PROGRAMS	Hanford Van Ness	KE7BB	246-7975
*CLUB SOCIALS	Paul Lucas	WB6SHR	641-8713
*EMERGENCY SERVICE	Willis Raines	N7DZR	292-1656
*TRAINING (classes)	Randy Cobb	KA7HJT	649-5066
*WELCOMING	Doug Bull	N7CDI	649-4540
*PUBLIC RELATIONS	Randy Stimson	KZ7T	297-1175
CLUB JACKETS	Kathryn Andrews	KA7UMB	629-5676
CLUB BADGES	Jeff Freedman	K7JF	297-7965
ROSTER CHANGES	" "	" "	" "
ARRG INFORMATION	Warren Winner	W7JDT	644-0752
CLUB SCRAPBOOK	Doc Miller	KA7BSD	" "
ARRL MEMBERSHIP	Randy Stimson	KZ7T	297-1175
ARRL LEGAL COUNSEL	Stan Weinstein	KX7Y	635-6883
CONVENTION (Oregon)	Al Berg	WB7SIC	640-5456
NEWSLETTER	" "	" "	" "
RL LIAISON	" "	" "	" "

* (indicates committee)

CLUB ARRL APPOINTEES

ARES District Emergency Co-ordinator	KZ7T	297-1175
ARES Washington County Co-ordinator	WB7BBG	244-7420
ARRL 1988 National Convention Chm.	WB7SIC	640-5456
ARRL Assistant Technical Co-ordinator	K7WWG	649-3295
ARRL Affiliated Club Co-ordinator	KB7CC	297-2732

•The Tokyo-based Japanese National Police have an automated infrared camera system that snaps pictures of speeders and licenses plates as they whiz by... day or night! The camera relays the data (including the date, time, location and speed) to the agency's central computer. Gone are the days of chasing speeders! In the works is an automated "watch" for stolen cars.

NO MORE TEARS ... Sprinkle an onion with salt before slicing or chopping. You can rinse off the salt afterwards!

Like your newsletter??

PAY YOUR DUES!!!

OR ELSE!



OTVARC
P. O. BOX 5132
BEAVERTON, OR 97008

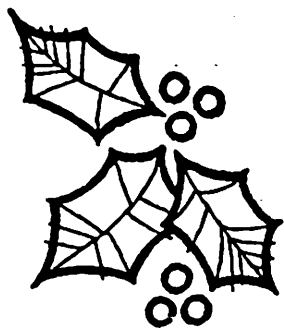


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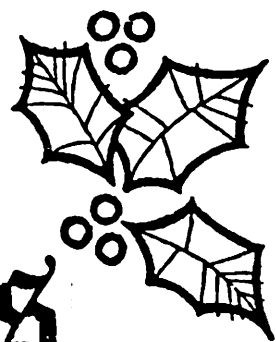
DECEMBER



STAN, W7NI PAT, KA7UFG



Season's
Greetings



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